

Fig. 1

- 1 external storage apparatus
- 2 morphological analysis section
- 3 syntactic-and-semantic analysis section
- 4 tree structure conversion section
- 5 word-mapping-weight calculation section
- 6 case-mapping-weight calculation section
- 7 vertex-mapping-weight calculation section
- 8 distance calculation section
- 9 semantic content comparison section
- 10 storage section
- 11-19 memory

Fig. 2

- 21 external storage apparatus
- 22 keyboard
- 23 display
- 24 processor unit
- 25 module for obtaining a distance between text sentences

Fig.3

A/DT teacher/NN teaches/VBZ English/NNP to/TO students/NNS

Where, DT indicates Determiner, NN indicates Noun(singular or mass),
VBZ indicates Verb(3rd ps. sing. Present), NNP indicates Proper noun(singular),
TO indicates to, and NNS indicates Noun(plural).